



Internet AlphaServer Family

Pre-Installed Internet Software – Plus the Power of Alpha

You know what you want. You want Internet on your desktops — NOW. To get it, you want a high-performance, Internet-ready server. One that's based on the UNIX® operating system, and that's easy to install, manage, and use. If you want all that, take a look at Digital's Internet AlphaServer™ family. It offers a range of servers to fit your small to medium size budget, with plenty of room to grow.



Packaged Internet AlphaServer systems combine the 64-bit RISC performance of Alpha with the award-winning Digital UNIX operating system.



Internet AlphaServer 200

Benefits

- A pre-installed, integrated package of the most commonly used Internet applications, as well as industry-leading Netsite Communications server software from Netscape™ Communications Corporation, to save time and money in set-up and installation
- ELECTRONIC LOCKER™ system administration software, for quick system set-up, easy management, and straightforward user menus
- Support for MS-DOS®, Windows™, Macintosh®, X-Windows Motif™, and terminal-based, character-cell environments, to take advantage of your current desktop investment
- Pre-installed MailWorks™ for Digital UNIX™ (formerly DEC™ OSF/1®), to permit a wide choice of mail clients and transport systems
- The performance and expandability of the next-generation, 64-bit Internet AlphaServer family, with the award-winning, standard-compliant Digital UNIX operating system



The Internet — Simplified

Until now, the exciting world of the Internet has been tantalizingly out of reach for organizations with limited MIS resources. You needed a UNIX expert to build an Internet system, locating the applications on the Internet itself and integrating them. And you needed UNIX expertise to be a power user. But not anymore.

When you buy an Internet AlphaServer system, you get Digital's unique ELECTRONIC LOCKER administration software packaged in. Based on Hypertext Markup Language (HTML), ELECTRONIC LOCKER software uses any World Wide Web graphic user interface such as the Mosaic™ browser so system set-up and administration are intuitive. ELECTRONIC LOCKER administration software also allows non-experts to easily handle routine server maintenance chores, such as adding new users.

With ELECTRONIC LOCKER software, users do not have to be technology experts to connect and get full use out of the Internet, because each user is given a unique ELECTRONIC LOCKER address for e-mail and file storage. A simple menu guides users to the applications they need — whether they wish to search the world's Web servers, post visually appealing and timely information, or communicate

with friends, colleagues, and experts across the street or around the world.

Pre-Packaged, Pre-Installed Internet Software

All Internet AlphaServer systems are pre-installed with TCP/IP—the most popular mode of connection employed by Internet Service providers. Access can be dedicated or dial-up. The most commonly used public domain Internet applications are also pre-installed: E-mail, Telnet, file transfer protocol (FTP), World Wide Web, news reader, and free WAIS. In addition, all Internet AlphaServer systems are packaged with the extremely fast Netsite Communications server software, which is fully supported by Digital worldwide. Internet AlphaServer systems can be accessed from graphical browsers such as Netscape Network Navigator and Mosaic, and character-cell-based LYNX in a TCP/IP LAN environment with MS-DOS/Windows or Macintosh computers.

Factory-installed software eliminates the need for consolidating, compiling, testing, and tuning — steps typically associated with building and debugging a system from scratch. This saves time and money in set-up and installation.

MailWorks for Digital UNIX is also factory-installed on all Internet AlphaServers, to allow users to connect to a variety of clients and mail transport services:

Clients

- cc:Mail
- Microsoft® Mail
- TeamLinks
- MAPI based applications

Mail Transports

- Internet via SendMail (SMTP)
- X.400 via MAILbus 400
- VMSmail via SendMail's dx mailer

MailWorks combines the reliability and security of host based mail systems with the flexibility and ease of use of PC LAN mail systems, with better service at lower cost.

A Choice of Three Internet AlphaServer Systems

With three Internet AlphaServer systems to choose from, you're sure to find one that fits your budget today — with plenty of room to grow tomorrow.

At the top of the line is the highly expandable Internet AlphaServer 1000 4/200 system. It offers large system features and performance at a small system price. In one compact cabinet, you get 7 internal drive bays, which can be expanded to over 14GB of internal disk storage, narrow and wide SCSI support, and industry-standard buses. With 2 PCI, 7 EISA, and 1 PCI/EISA slots, the AlphaServer 1000 gives you more available slots than the competition, and lets you connect inexpensive, commodity I/O devices. Externally, you can get as much as 154 GB disk storage.

The Internet AlphaServer 1000 system is the only low-end server in the industry to offer fully redundant power supplies, ECC (error correction code) cache, ECC memory, and disk hot swap, for high availability and reliability.

The Internet AlphaServer 1000 system is ideal for small and medium size businesses and

organizations with high-availability requirements, such as school districts, university departments, corporations, and Internet Service Providers.

The Internet AlphaServer 400 4/233 system is the ideal development system. Its high-performance CPU provides accelerated processing for Internet publishers and developers of next-generation multimedia applications and video conferencing tools for the Internet.

The Internet AlphaServer 200 4/166 system is the highest value server, offering great performance at a great price. Small to medium size workgroups such as schools, libraries, and small businesses will find it most affordable.

All Internet AlphaServer systems have an industry-standard PCI and ISA or EISA system bus, integrated CD-ROM drive, and 14.4 Kb ISA Fax Modem.

If secure Internet connectivity is a major concern, Digital's security Firewall service is available as an option. Firewall service allows you to tap into the power of the Internet without inviting unwanted guests to tap into your business.

Investment Protection Is Ensured

The Internet AlphaServer systems' industry-leading, 64-bit Digital UNIX operating system is compliant with more than 60 standards-based protocols related to the Internet alone. These standards provide investment protection for developers and end-users alike.

No matter which Internet AlphaServer package you choose, you can be assured of future upgradeability. Designed to be compatible with higher performance CPUs, the Internet AlphaServer systems are easily upgraded to future generations of Alpha chips. As your needs grow, you can also move up to a larger system, taking your applications with you.

With 2 PCI, 7 EISA, and 1 PCI/EISA slots, the Internet AlphaServer 1000 system gives you ample room to grow your system into an integrated database server, video server, or a file and print server. It's Alpha's powerful CPU that affords this scalability, protecting your investment and providing an alternative to managing numerous low-powered servers on your LAN.

Dependable Service and Support

The Internet AlphaServer 1000 server comes with a three-year, on-site hardware warranty; the hardware warranty for the Internet AlphaServer 400 and 200 servers provides one-year, on-site coverage, and two-year mail-in/drop-off coverage. Digital and its partners also offer a full range of network consulting and services to help you plan and select the most effective means of networking—whether it's one school, one office, or many sites.

Digital and the Internet

Digital's extensive knowledge of networks and pervasive internal use of the Internet

make it uniquely able to develop Internet tools and services. Digital established the first, and now the largest, commercial World Wide Web server for customer information. Customers can also place orders and take "test drives" of new Digital systems over the Internet. Digital has a dedicated Internet Business Group, and offers an industry-leading suite of Internet security products.

The Next Step

To learn more about the Internet AlphaServer family of systems, contact your local Digital sales office or Authorized Business Partner. Information is also available on Digital's World Wide Web home page: URL:<http://www.digital.com/home.html>. You may also dial Digital's InstaFACTS FAX facility: 1-800-DIGITAL (in the U.S. and Canada), or 1-908-885-6426 (outside the U.S. and Canada). And for online information on ordering, products, and more, send mail to info@digital.com.



Internet AlphaServer 400

Internet AlphaServer Family Specifications

	Internet AlphaServer 1000 4/200	Internet AlphaServer 400 4/233	Internet AlphaServer 200 4/166
Part Number	DJ-SSNA1-AA/AB	DJ-SSNA2-AA/AB	DJ-SSNA3-AA/AB
Hardware Features			
Number of Processors	1 (DECchip 21064 RISC)	1 (DECchip 21064 RISC)	1 (DECchip 21064 RISC)
CPU Clock Speed	200 MHz	233 MHz	166 MHz
Cache Size	2 MB	512 KB	512 KB
In-Cabinet CPU Upgrade	Yes	Yes	Yes
Memory Min/Max	64 MB/512 MB	32 MB/192 MB	32 MB/192 MB
SCSI-2 Disk	1.05 GB/168 GB max (up to 7 internal bays accomodating 14 GB)	1.05 MB/8.4 GB max	1.05 GB/3.15 GB max
Max I/O Throughput	133 MB/s (PCI); 33 MB/s (EISA)	133 MB/s (PCI)	133 MB/s (PCI)
I/O Support (max config)	2 PCI, 7 EISA, 1 PCI/EISA slots	2 PCI, 1 PCI/ISA slots	2 PCI/ISA, 1 ISA slots
CD-ROM Drive	600 MB	600 MB	600 MB
DAT Tape Backup	4 GB	No	No
Ethernet Card	PCI/EISA	PCI/ISA	PCI/ISA
Fax Modem	14.4 Kb	14.4 Kb	14.4 Kb
Console	VT510 w/ keyboard	VT510 w/ keyboard	VT510 w/ keyboard
Networking	TCP/IP	TCP/IP	TCP/IP
Operating System			
	Digital UNIX	Digital UNIX	Digital UNIX
Application Software (for all systems)			
Fully Supported SW	ELECTRONIC LOCKER, MailWorks**, Netsite Communications server software		
Unsupported Public SW*	World Wide Web (CERN), Pine Mail, POP3 Mail, free WAIS, News Reader (TIN), News Server (INN), NCSA Mosaic browser for X-terminal use, LYNX		
High Availability Features			
System (1000 only)	Redundant Power System, Disk Hot Swap, ECC Cache, ECC Memory, RAID, Thermal Management, UPS (optional)		
Server Management	Diagnostic Error Logs, Configuration Information, Unique System ID, Error Logs, Firmware Revision, Remote Access to EISA Configuration Utility (1000 only)		
Operating Environment			
Temperature	10°C – 40°C (50°F – 104°F)	10°C – 40°C (50°F – 104°F)	10°C – 40°C (50°F – 104°F)
Relative Humidity	20% – 80% (noncondensing)	20% – 80% (noncondensing)	20% – 80% (noncondensing)
Power Source	110 V	120/240 V	120/240 V
Max AC Power	Two 400 W supplies	300 W supply	180 W supply
Physical Characteristics			
Height	44.2 cm (17.4 in)	43.2 cm (17.0 in)	10 cm (4.0 in)
Width	35.8 cm (14.1 in)	17.8 cm (7.0 in)	43 cm (17.0 in)
Depth	57.2 cm (22.5 in)	43.2 cm (17.0 in)	41 cm (16.0 in)
Weight	38.6 kg (85 lb)	12+ kg (28+ lb)	14 kg (30 lb)
Hardware Warranty			
	Three years, on-site	One year on-site; two years drop-off/mail	One year on-site; two years drop-off/mail

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** A 25-user license for MailWorks Server is included with the Internet AlphaServer 1000; licenses are an optional purchase with the other packages.